

ABSTRACT

A PROCESS FOR PRODUCING A MOLECULAR SIEVE HAVING THE SFE STRUCTURE, A MOLECULAR SIEVE HAVING THE SFE STRUCTURE AND USE THEREOF

The present invention relates to a molecular sieve having the SFE structure, a process for producing same and use thereof. The process includes a step of crystallizing a mixture comprising a first oxide source, a second oxide source, an organic template and water to obtain a molecular sieve having the SFE structure, wherein the organic template is preferably 4-dimethylamino pyridine. As compared with the prior art, the process exhibits such merits as significantly reduced crystallization duration.

Figure 1